



Digital tools tell me the measurements... and how to optimize my cutting plan.

intelliDivide Cutting

Optimization software for cutting processes on saws

Simply upload the parts list. Done! intelliDivide gives you a choice of optimized cutting patterns in an instant. Depending on requirements, results can be based on reducing waste or focus on the shortest production time or the simplest handling. And all without having to invest in software and computing power – because intelliDivide is a web-based app that runs in the cloud.



Your benefits at a glance:

- ✓ **Saves time and personnel costs:** IntelliDivide optimizes cutting patterns for you. This makes manual calculation a thing of the past.
- ✓ **Optimizes based on the day's objectives:** IntelliDivide always calculates multiple alternatives for you to select, based on waste, short machine running time and easy handling.
- ✓ **Suitable for all saws:** Your HOMAG saw is detected automatically. For all other saw types, there are quick and easy configuration options.
- ✓ **Includes material management:** The central management of material types and panel sizes is included for your optimization. You can also use the materialManager app very easily in your browser.

Special features:

- Automatic data transfer for tapio-connected machines
- Simple creation, import or automatic transfer of parts lists from HOMAG productionManager
- Use of cutting templates for holding together grained components and small parts
- Direct access to panel data from HOMAG materialManager
- Excellent optimization results thanks to the use of different optimization cores
- Exact calculation of the panel and edge requirements
- Simultaneous calculation of several alternative solutions with selection option
- Calculation of key performance indicators, such as material costs and production times



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